

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Chul-Sik YOON	02/07/2006
Soon-Yong LIM	02/07/2006
Jae-Heung KIM	02/07/2006
Kun-Min YEO	02/07/2006
Byung-Han RYU	02/07/2006
Seung-Ku HWANG	02/07/2006

**RECEIVING PARTY DATA**

Name:	Electronics and Telecommunications Research Institute
Street Address:	161, Gajeong-dong, Yuseong-gu
City:	Daejeon
State/Country:	KOREA, REPUBLIC OF
Postal Code:	305-350

Name:	KT Corporation
Street Address:	206 Jungja-dong, Bundang-gu
City:	Seongnam-city, Kyungki-do
State/Country:	KOREA, REPUBLIC OF
Postal Code:	463-711

Name:	Samsung Electronics Co., Ltd.
Street Address:	416, Maetan-dong, Yeongtong-gu
City:	Suwon-si, Gyeonggi-do
State/Country:	KOREA, REPUBLIC OF
Postal Code:	442-742

Name:	KTFreetel Co., Ltd.
Street Address:	890-20, Daechi-dong, Gangnam-gu
City:	Seoul

CH \$40.00 10565008

State/Country:	KOREA, REPUBLIC OF
Postal Code:	135-280

Name:	HANARO TELECOM., INC.
Street Address:	Shindongah Fire & Marine Insurance Building, 43 Taepyeongno 2-ga, Jung-gu
City:	Seoul
State/Country:	KOREA, REPUBLIC OF
Postal Code:	100-733

Name:	SK TELECOM CO., LTD.
Street Address:	99, Seorin-dong, Jongro-gu
City:	Seoul
State/Country:	KOREA, REPUBLIC OF
Postal Code:	110-110

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10565008

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	123054-06005135
NAME OF SUBMITTER:	Yoon S. Ham

Total Attachments: 2  
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Please return signed/recorded to:

Atty Reference: 123054-06005135

Mayer Brown Rowe & Maw LLP  
Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006

Client Reference: OPP 060178 US

## ASSIGNMENT OF NONPROVISIONAL APPLICATION

WHEREAS, the undersigned hereby:

INSERT  
NAME(S) OF  
INVENTOR(S)

(1) Chul-Sik YOON

(2) Soon-Yong LIM

(3) Jae-Heung KIM

(4) Kun-Min YEO

(5) Byung-Han RYU

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(collectively hereinafter "ASSIGNOR") has/have made an invention entitled:

TITLE OF  
INVENTION

SYSTEM AND METHOD FOR CONTROLLING POWER SAVING MODE IN WIRELESS PORTABLE  
NETWORK SYSTEM

for which an application for Letters Patents of the United States of America:

(Note: Complete A or B)

(A) ☐ was executed on even date herewith and will be filed in the U.S. Patent & Trademark Office; or

(B) ☒ was filed on January 18, 2006 as Application No.

AND WHEREAS,

NAME AND ADDRESS OF ASSIGNEE (a)	Name: Electronics and Telecommunications Research Institute Address: 161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic of Korea
NAME AND ADDRESS OF ASSIGNEE (b)	Name: KT Corporation Address: 206, Jungja-dong, Bundang-gu, Seongnam-city, Kyungki-do 463-711, Republic of Korea
NAME AND ADDRESS OF ASSIGNEE (c)	Name: SAMSUNG ELECTRONICS CO., LTD. Address: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742, Republic of Korea
NAME AND ADDRESS OF ASSIGNEE (d)	Name: SK TELECOM CO., LTD. Address: 99, Seorin-dong, Jongro-gu, Seoul 110-110, Republic of Korea
NAME AND ADDRESS OF ASSIGNEE (e)	Name: KTFreetel Co., Ltd. Address: 890-20, Daechi-dong, Gangnam-gu, Seoul 135-280, Republic of Korea
NAME AND ADDRESS OF ASSIGNEE (f)	Name: HANARO TELECOM., INC. Address: Shindongah Fire & Marine Insurance Building 43, Taepyeongno2-ga, Jung-gu, Seoul 100-733, Republic of Korea

(hereinafter "ASSIGNEE"), duly organized and existing under the laws of REPUBLIC OF KOREA, desires to acquire an interest therein of the above-identified invention;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives;

AND ASSIGNOR hereby agrees, without further remuneration, to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential for ASSIGNEE's full protection and title in and to the invention hereby transferred; and

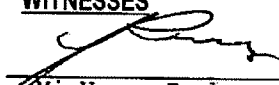


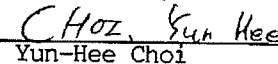
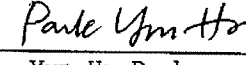
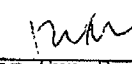
Additionally, the undersigned further authorize(s) Mayer Brown Rowe & Maw LLP, 1909 K Street, N.W., Washington, D.C. 20006, to insert hereon any further identification necessary or desirable for recordation of this document.

**ASSIGNMENT OF NONPROVISIONAL APPLICATION**  
 Separate Sheet For Additional Inventors

**Names of Additional Inventors**

INSERT  
NAME(S) OF  
INVENTOR(S)

(6) Seung-Ku HWANG	(7)
(8)	(9)
(10)	(11)
(12)	<input type="checkbox"/> x box if continued on page 3

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1)	<u>Chul-Sik Yoon</u>	<u>February 7, 2006</u>	<u></u>
Name:	Chul-Sik YOON		Mi-Young Park
2)	<u>Soon-Yong Lim</u>	<u>February 7, 2006</u>	<u></u>
Name:	Soon-Yong LIM		Hye-Jin Kim
3)	<u>Jae-Heung Kim</u>	<u>February 7, 2006</u>	<u></u>
Name:	Jae-Heung KIM		Myo-Shin Kim
4)	<u>Kunmin Yeo</u>	<u>February 7, 2006</u>	<u></u>
Name:	Kun-Min YEO		Yun-Hee Choi
5)	<u>Byung-Han Ryu</u>	<u>February 7, 2006</u>	<u></u>
Name:	Byung-Han RYU		Yun-Ha Park
6)	<u>SEUNG KU HWANG</u>	<u>February 7, 2006</u>	<u></u>
Name:	Seung-Ku HWANG		Min-Sun Park
7)	_____	_____	_____
Name:			
8)	_____	_____	_____
Name:			
9)	_____	_____	_____
Name:			
10)	_____	_____	_____
Name:			
11)	_____	_____	_____
Name:			
12)	_____	_____	_____
Name:			